

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| S10   | 2    | "1478771"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO                                 | OR               | ON      | 2007/02/12 08:30 |
| S11   | 0    | "1478771".frpn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/12 08:23 |
| S12   | 0    | "METHODS FOR CHARACTERIZATION OF NUCLEIC ACID MOLECULES".ti. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/12 08:24 |
| S13   | 0    | WO03000920   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/12 08:24 |
| S14   | 3    | "03000920"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/12 08:24 |
| S15   | 0    | "METHODS FOR CHARACTERIZATION OF NUCLEIC ACID MOLECULES"     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/02/12 08:31 |
| S16   | 0    | METHODS FOR CHARACTERIZATION OF NUCLEIC ACID MOLECULES       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/02/12 08:25 |

## EAST Search History

|     |      |   |  |      |    |                  |
|-----|------|---|--|------|----|------------------|
| S17 | 0    | "WO03000920.did"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO                                 | OR   | ON | 2007/02/12 08:30 |
| S18 | 0    | WO03000920  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO                                 | OR   | ON | 2007/02/12 08:30 |
| S19 | 0    | EPO1478771  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS                                      | OR   | ON | 2007/02/12 08:30 |
| S20 | 0    | "METHOD* FOR<br>CHARACTERIZATION NUCLEIC<br>ACID MOLECULES" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/02/12 08:31 |
| S21 | 0    | METHOD* FOR<br>CHARACTERIZATION NUCLEIC<br>ACID MOLECULES   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ  | ON | 2007/02/12 08:32 |
| S22 | 0    | METHOD* CHARACTERIZATION<br>NUCLEIC ACID MOLECULES          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ  | ON | 2007/02/12 08:32 |
| S23 | 0    | METHOD* CHARACTERIZATION<br>NUCLEIC ACID MOLECULES          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | SAME | ON | 2007/02/12 08:32 |
| S24 | 6541 | AGILENT technologies  | FPRS;<br>EPO;<br>DERWENT   | ADJ  | ON | 2007/02/12 08:35 |
| S25 | 0    | S24 AND (minor ADJ groove)                                  | FPRS;<br>EPO;<br>DERWENT   | ADJ  | ON | 2007/02/12 08:36 |
| S26 | 31   | S24 AND nanopore  | FPRS;<br>EPO;<br>DERWENT   | ADJ  | ON | 2007/02/12 08:36 |

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|     |         |                             |   |    |    |                  |
|-----|---------|-----------------------------|---|----|----|------------------|
| S27 | 3511079 | EP "1478771"                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO                | OR | ON | 2007/02/12 08:37 |
| S28 | 0       | "2003000920"                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO                | OR | ON | 2007/02/12 08:37 |
| S29 | 4       | "2003000920"                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>DERWENT | OR | ON | 2007/02/12 08:38 |
| S30 | 0       | EP001478771                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS                     | OR | ON | 2007/02/12 08:39 |
| S31 | 0       | "1 478 771"                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS                     | OR | ON | 2007/02/12 08:40 |
| S32 | 0       | EP20020747942               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS                     | OR | ON | 2007/02/12 11:31 |
| S33 | 21      | BRANTON.in.                 | EPO   | OR | ON | 2007/02/12 11:31 |
| S37 | 623     | Spiro.in.                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS                     | OR | ON | 2007/02/28 11:39 |
| S38 | 3       | Spiro.in. AND brown.in.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS                     | OR | ON | 2007/02/28 11:40 |
| S39 | 3       | Spiro.in. AND alexander.in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS                     | OR | ON | 2007/02/28 11:40 |
| S40 | 10      | brown.in. AND drew.in.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS                     | OR | ON | 2007/02/28 17:23 |
| S41 | 1       | "6562565".pn.               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS                     | OR | ON | 2007/02/28 17:23 |
| S42 | 1       | ("6562565").URPN.           | USPAT   | OR | ON | 2007/02/28 17:23 |

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|     |        |   |  |      |    |                  |
|-----|--------|---|--|------|----|------------------|
| S43 | 2      | "6562565".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/02/28 17:41 |
| S44 | 135501 | aneuploid\$ chromosome\$ (detect<br>OR detection OR detecting) AND<br>(bead OR microparticle) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/03/01 09:21 |
| S45 | 8      | aneuploid\$ chromosome\$ (detect<br>OR detection OR detecting) AND<br>(bead OR microparticle) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/03/01 15:44 |
| S46 | 2      | "5756696".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/03/01 10:12 |
| S47 | 2      | "09314246".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/03/01 10:12 |
| S48 | 0      | "09314246".apn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/03/01 10:13 |
| S49 | 0      | "09314246".ap.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/03/01 10:14 |

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|     |      |   |  |      |    |                  |
|-----|------|---|--|------|----|------------------|
| S50 | 2    | "6180349".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/03/01 10:14 |
| S51 | 1    | "10273399".ap.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/03/01 10:39 |
| S52 | 0    | "10273399".apn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/03/01 10:39 |
| S53 | 2    | "10273399".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/03/01 10:39 |
| S54 | 1    | limiting amount binding agent<br>SAME (bead OR microparticle)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON | 2007/03/01 11:19 |
| S55 | 4    | limiting amount binding SAME<br>(bead OR microparticle)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON | 2007/03/01 11:21 |
| S56 | 2766 | ((limiting NEAR amount) OR<br>compet\$5) SAME binding SAME<br>(bead OR microparticle) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON | 2007/03/01 11:22 |

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|     |      |  |  |      |    |                  |
|-----|------|--|--|------|----|------------------|
| S57 | 2570 | ((limiting NEAR amount) OR compet\$5) SAME bind\$4 SAME (bead OR microparticle) AND (DNA OR nucleic)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON | 2007/03/01 11:23 |
| S58 | 255  | ((limiting NEAR amount) OR compet\$5) SAME bind\$4 SAME (bead OR microparticle) SAME (DNA OR nucleic)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON | 2007/03/01 11:25 |
| S59 | 2    | "5443952".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON | 2007/03/01 11:25 |
| S60 | 2    | "5104791".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | WITH | ON | 2007/03/01 11:26 |
| S61 | 2    | "5888740".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/03/01 15:40 |
| S62 | 17   | aneuploid\$ chromosome\$ (detect OR detection OR detecting) AND (livestock OR cattle OR cow OR horse OR sheep OR lamb OR bull) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | NEAR | ON | 2007/03/01 15:46 |
| S63 | 49   | microparticle SAME silica AND silaniz\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2007/03/02 09:29 |

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|     |       |  |  |    |    |                  |
|-----|-------|--|--|----|----|------------------|
| S64 | 29    | microparticle SAME silica AND<br>silaniz\$4 AND (DNA OR nucleic OR<br>RNA) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/02 12:42 |
| S65 | 46943 | Blastomere Biopsy  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/02 10:17 |
| S66 | 3     | (Blastomere ADJ Biopsy) AND<br>aneuploid                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/02 10:18 |
| S67 | 3     | ((Blastomere OR embryo) ADJ<br>Biopsy) AND aneuploid                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/02 10:18 |
| S68 | 10    | ((Blastomere OR embryo) WITH<br>Biopsy) AND aneuploid                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/02 10:24 |
| S69 | 124   | Blastomere AND aneuploid   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/02 10:24 |
| S70 | 8     | Blastomere same biopsy AND<br>aneuploid                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/02 10:24 |

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|     |        |   |  |    |    |                  |
|-----|--------|---|--|----|----|------------------|
| S71 | 1      | "2003903417"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS                                      | OR | ON | 2007/03/02 12:20 |
| S72 | 0      | "2003903417".did.   | FPRS;<br>EPO; JPO;<br>DERWENT  | OR | ON | 2007/03/02 12:20 |
| S73 | 0      | "2003903417"  | FPRS;<br>EPO; JPO;<br>DERWENT  | OR | ON | 2007/03/02 12:42 |
| S74 | 188    | (microparticle OR bead) SAME silica<br>AND silaniz\$4 AND (DNA OR nucleic<br>OR RNA) AND @ad<"20030704"     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/02 12:50 |
| S75 | 36     | (microparticle OR bead) SAME silica<br>SAME silaniz\$4 AND (DNA OR<br>nucleic OR RNA) AND<br>@ad<"20030704" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/02 12:51 |
| S76 | 810166 | WO "9318186"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS                                      | OR | ON | 2007/03/05 13:33 |
| S77 | 0      | "9318186"".did"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS                                      | OR | ON | 2007/03/05 13:33 |
| S78 | 0      | "9318186".did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS                                      | OR | ON | 2007/03/05 13:34 |
| S79 | 0      | "199318186".did.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS                                      | OR | ON | 2007/03/05 13:34 |
| S80 | 0      | "199318186"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS                                      | OR | ON | 2007/03/05 13:34 |
| S81 | 0      | "199318186"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>DERWENT                  | OR | ON | 2007/03/05 13:34 |



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|     |   |   |                                       |     |    |                  |
|-----|---|---|---------------------------------------|-----|----|------------------|
| S82 | 2 | "10711782"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS | OR  | ON | 2007/03/06 17:39 |
| S83 | 1 | Lysate clearance and nucleic acid<br>isolation using silanized silica<br>matrices | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS | ADJ | ON | 2007/03/06 17:40 |